

Department of Chemistry

2022-23

<u>Sr. No.</u>	<u>Month</u>	<u>Date</u>	<u>Visits</u>
1	November	4 November 2022	Trip to Bhakra Dam, Nagal
2	February	15 Feb. 2023	Educational Trip to SSS-NIBE Kapurthala

The Principal

Kanya Maha Vidyalaya

Jalandhar

Respected Madam,

With due regards, I wish to state that PG Department of Chemistry is organising

Trip to Bhakra Dam, Nangal

on 4<sup>th</sup> Nov, 2022. Kindly allow us to organise the same.

Thanking You

Yours Sincerely

*Manju Sahni*

Dr. Manju Sahni

H.O.D

PG. Department of Chemistry

Kanya Maha Vidyalaya

Jalandhar

Dated: 3<sup>rd</sup> Nov, 22

## Press Note

### **KMV organizes an educational trip to Bhakra Dam and Shri Anandpur Sahib**

Kanya Maha Vidyalaya (Autonomous) has been at the fore front in imparting quality education to the students. To fulfill this purpose, PG Department of Chemistry & Physics organized an educational Trip to Bhakra dam and Shri Anandpur sahib. Students along with 4 faculty members went on this trip. At Bhakra Dam, students acquired knowledge about production of hydroelectric power. They were also acquainted about many concepts of physics & Chemistry and about their applications. This trip updated knowledge of the students and they also received demonstration of practical application of various concepts of science. During the visit to Shri Anandpur sahib students visited Virasat-e- Khalsa museum and learnt a lot about the history of Sikh gurus and Punjab. Many demonstrations at Virasat-e Khalsa were based on the various concepts of physics& Chemistry as students related various theoretical concepts with practical learning. Principal Prof. Atima Sharma Dwivedi averred that such activities help the students to acquire important information with interest and also return to their classroom with full enthusiasm after an energetic break. Madam Principal lauded the efforts of PG Department of Physics& Chemistry for successfully organizing the trip.



### List of Students

Students Name	Class
Mansi	B.Sc Non Medical Sem III
Kannu Thakur	B.Sc Non Medical Sem III
Bhawna	B.Sc Non Medical Sem III
Sajal	B.Sc Non Medical Sem III
Aditi Pathania	B.Sc Non Medical Sem V
Rushi Chambyal	B.Sc Hons. Physics Sem V

The Principal,  
Kanya Maha Vidyalaya  
Talandhar

Respected Madam,

With due regards I wish to state that PG Department of Chemistry is organising an Educational trip to Sardar Swarn Singh National Institute of Bio-Energy (SSS-NIBE), Kapurthala on 15<sup>th</sup> Feb, 2023. I request you to kindly allow 49 students (list attached) along with three teachers to visit the same. I also request you to grant us the permission to go by college bus on the said date and oblige.

Thanking you

Yours Sincerely  
Manji Sahni  
(PG Department of Chemistry)

Dated - 10.2.23



**Educational Visit to  
Sardar Swaran Singh (SSS) National Institute of Bioenergy (NIBE) Kapurthala**

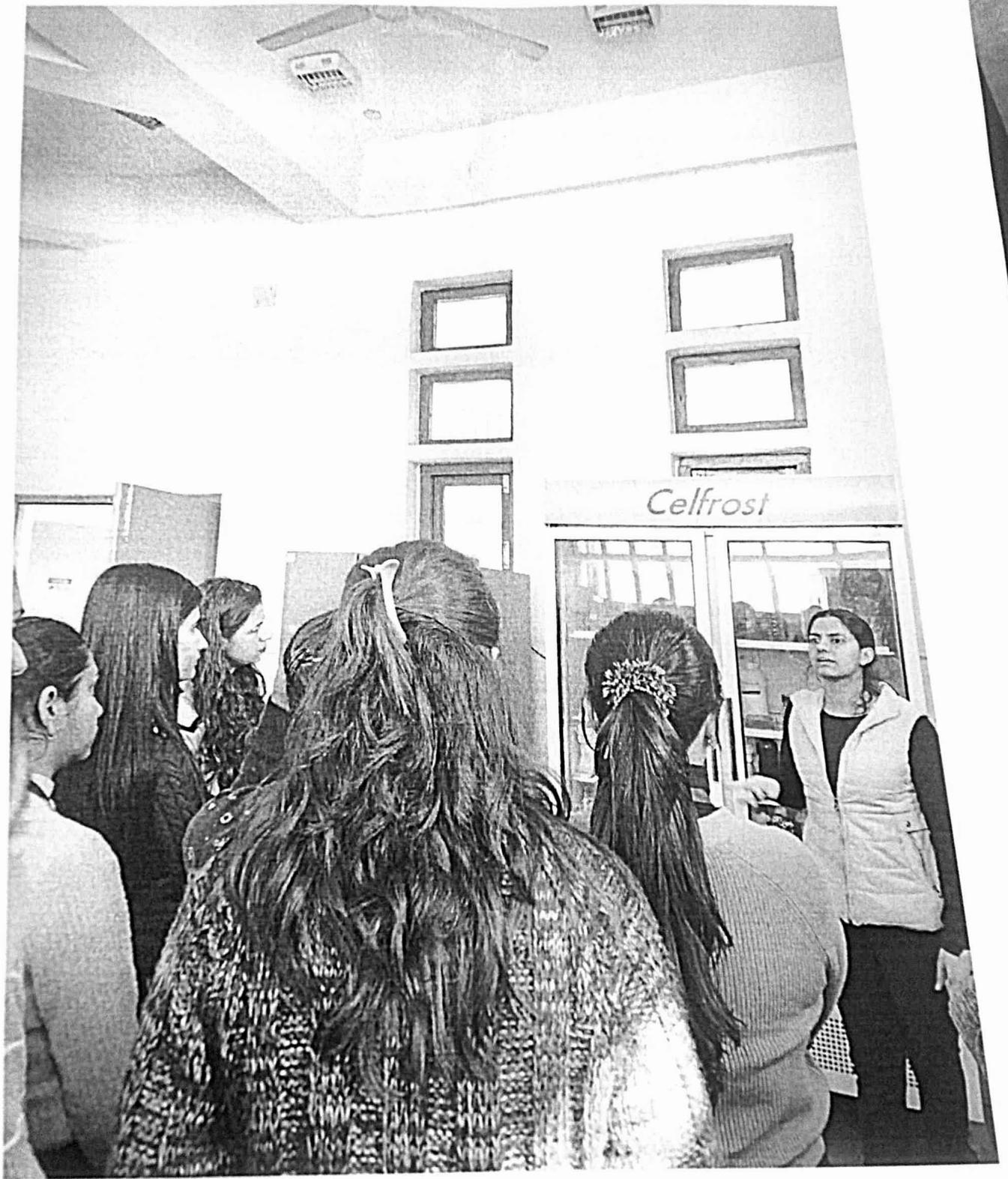
**Press Note**

PG Department of Chemistry of Heritage and Autonomous Institution, Kanya Maha Vidyalaya, Jalandhar organized an Educational visit to Sardar Swaran Singh (SSS) National Institute of Bioenergy (NIBE), Kapurthala on 15<sup>th</sup> Feb. 2023 under the aegis of Curie Grant. Forty Nine students accompanied by three faculties were part of this educational visit. The visit was aimed at exploring the students about research facilities and working environment of a National level Research Institute. On our arrival, Mr. Rawel Singh, senior scientist of NIBE welcomed all of us and briefed about the research divisions and activities of the research institute. First of all, students visited the Analytical Laboratory and have demonstration on High Pressure Liquid Chromatography (HPLC), Gas Chromatography and UV-vis spectrophotometer. Afterwards, they visited bioprocess, molecular biology labs, chemical conversion and electrochemical labs and had detailed discussion about the objective of the institute to regenerate bio-energy form waste biomasses and conservation of energy by changing various traditional and electrochemical methods. Students had a great experience about 'Sustainable Energy Policy'. In addition, students got familiar to various research protocols and sophisticated lab instruments/ equipments such as Cryofreezer, Laminar flow, flash point apparatus, modified cook stoves etc. The students showed a great enthusiasm in research and development of various biochemical processes. During visit to various research divisions, students interacted with the scientists where they asked questions about all possible procedures to get an internship and projects in institute. They were seemed quite motivated and inspired from the whole atmosphere of the institute. Our students were well appreciated for their disciplined behavior and curious attitude. Principal Dr. Atima Sharma Dwivedi applauded the efforts of the teachers to organize such educational visits which are important for bridging the gap between classroom learning and practical exposure.

*Mangal Kaur*



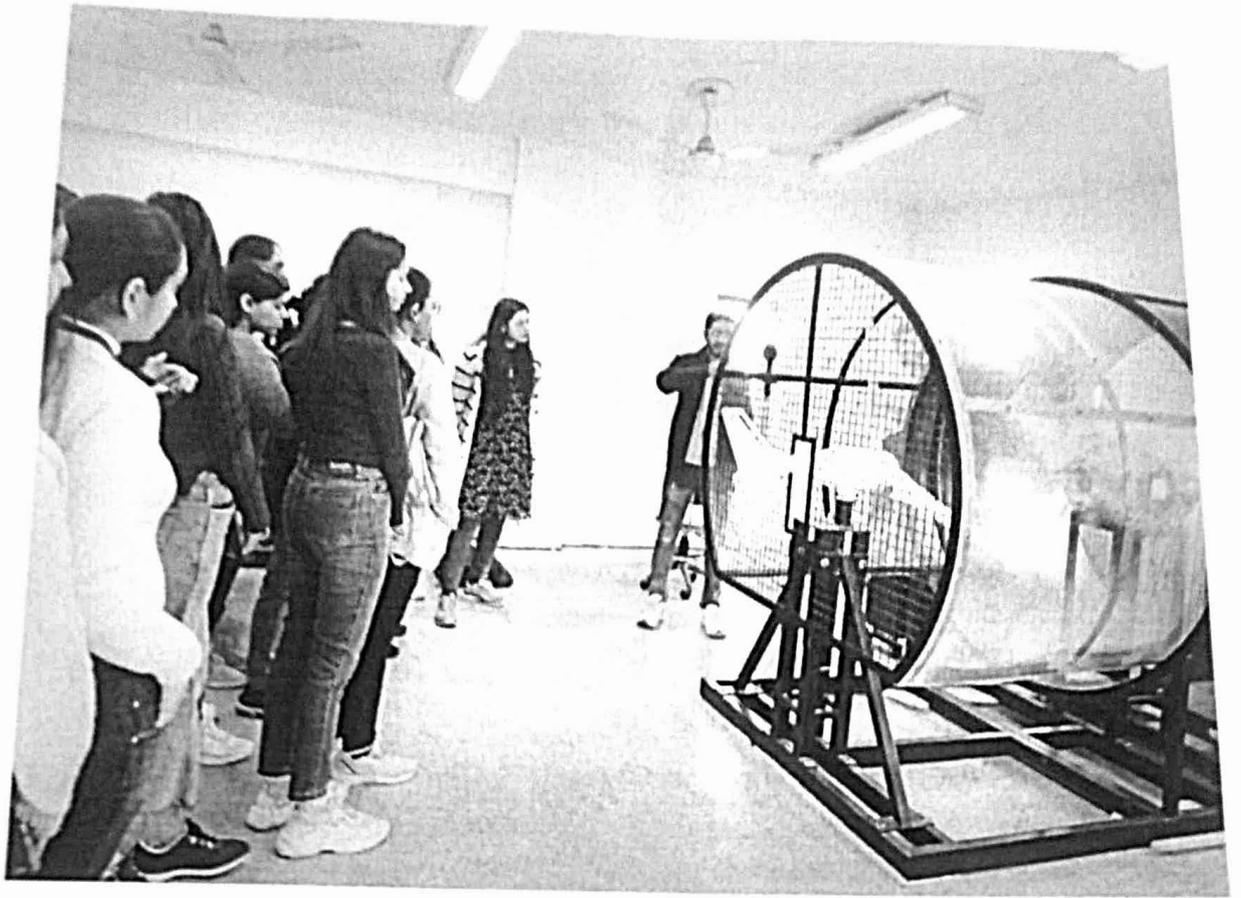
*Marjufahim*



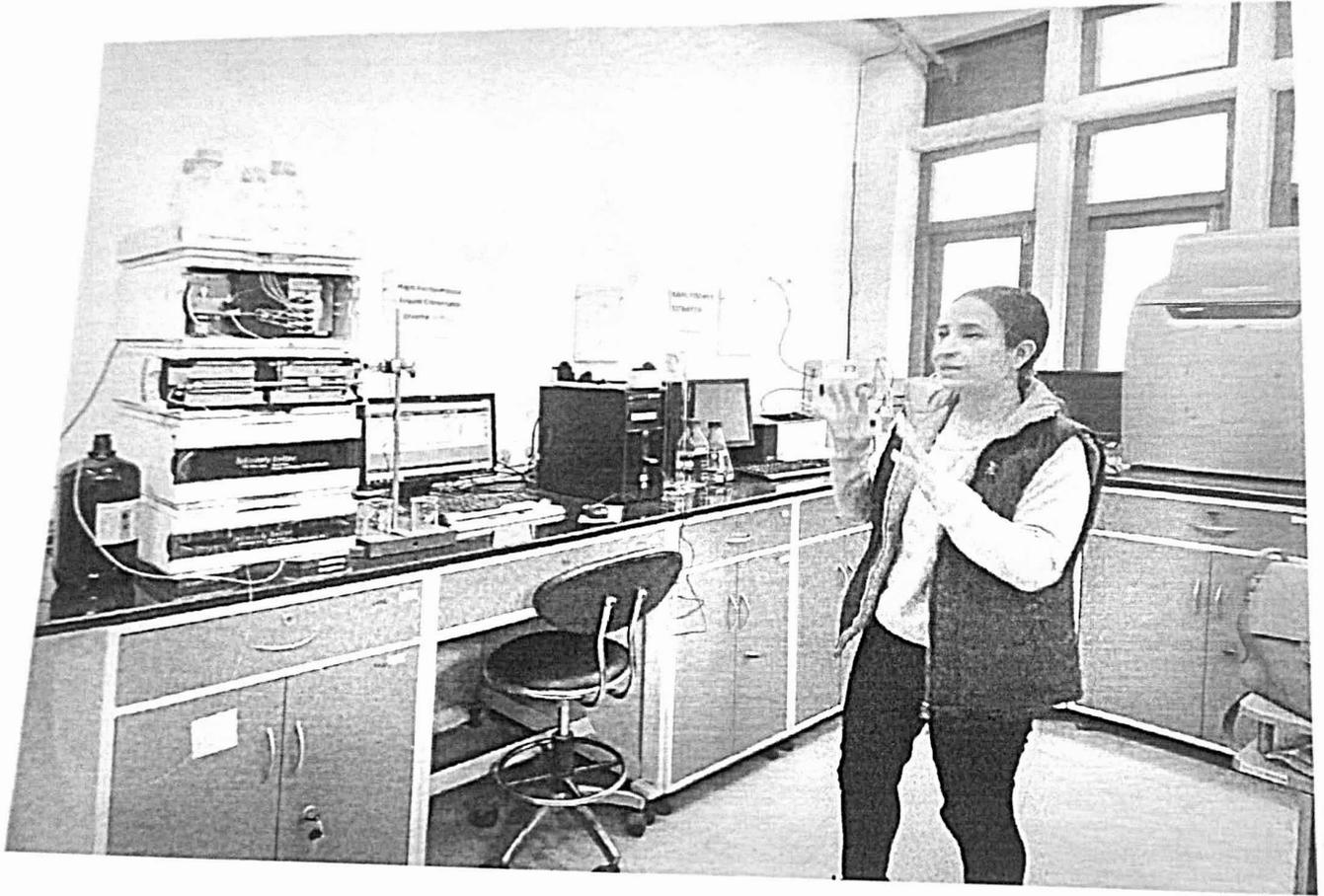
Maji Jabri



Maryam



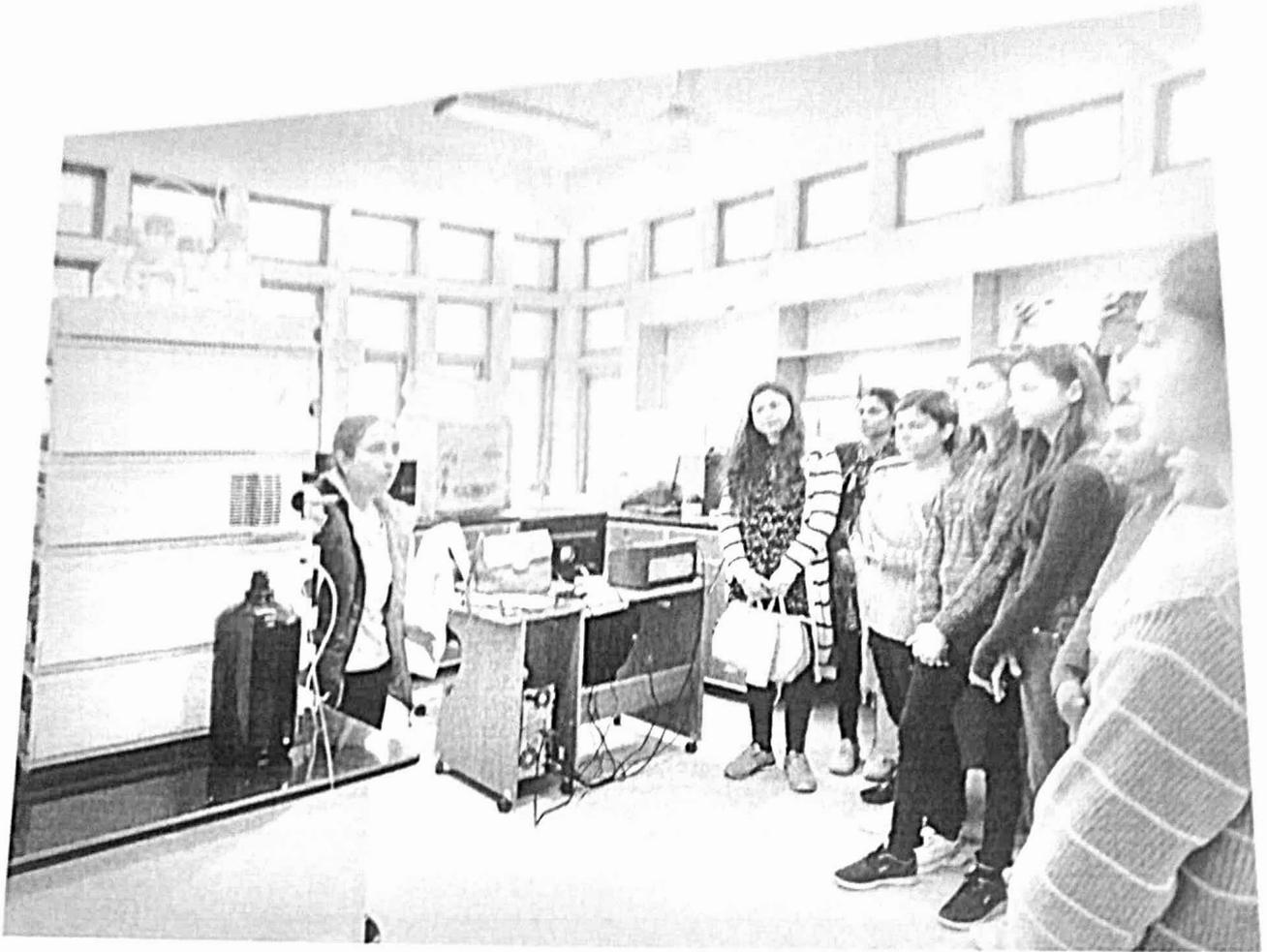
Maya's School



Maryia Subhan



Manji Sehi



Manji Babbar



The Heritage Institution  
Estd. 1886

## KANYA MAHA VIDYALAYA (Autonomous)

Re-accredited **A** by U.G.C.-NAAC

"College with Potential for Excellence" by UGC

Under Star College Scheme by DBT, Govt. of India

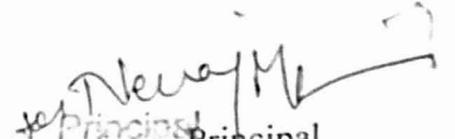
Phones : Principal Off. : 0181-2296605, 2296606  
Fax : 0181-2291741  
E-mail : kmvjalandhar@yahoo.com  
kmvoffice1886@gmail.com  
Vidyalaya Marg,  
JALANDHAR-144 004.

Ref. No. Kmv/8077

Date 16-2-2023

### AUTHORITY LETTER

Certified that our College Bus No. PB-08-CX-7708 driven by the driver Sh.Kewal Singh and a conductor Sh.Ram Lubhaya of Kanya Maha Vidyalaya, Jalandhar is carrying 49 students & 3 teachers (List attached) of the college to visit Sardar Swarn Singh National Institute of Bio-Energy (SSS-NIBE), Kapurthala on 15-02-2023 for an educational visit.

  
Principal  
Kanya Maha Vidyalaya  
Jalandhar

**List of Students going for Educational Trip to  
Sardar Swaran Singh National Institute of Bio-Energy (SSS-NIBE), Kapurthala**

**M.Sc. Chemistry Semester II**

**Day-Scholars**

Sr. No.	College Roll no	Name
1	224951	Palvi Sharma
2	224952	Navpreet Kaur
3	224953	Barjinder Kaur
4	224954	Arshdeep Kaur
5	224955	Simranjit Kaur
6	224958	Preeti

**Hostlers**

Sr. No.	College Roll no	Name
1	224956	Harleen Kaur
2	224960	Diksha Sharma
3	224961	Ankita
4	224963	Kritika Thakur
5	224964	Navika Dhiman
6	224965	Anchal Saroch
7	224966	Pooja Sharma
8	224967	Sakshi
9	224969	Tanvi kour

*Majhi Jaha*

M.Sc. Chemistry Semester IV

Day-Scholars

Sr. No.	College Roll No.	Name
1	224983	Akshita Sharma
2	224981	Anchal
3	224984	Supriya

Hostlers

Sr. No.	College Roll no	Name
1	224976	Balwinder Kaur
2	224978	Kajal
3	224979	Ankita
4	224980	Vasudha
5	224982	Diksha Guleria
6	224985	Priya devi

*Mangya Pathak*

**Day Scholars****B.Sc. Non-Medical Semester VI**

Sr. No.	College Roll no	Name
1	224856	Jashanpreet Kaur
2	224857	Suchina Kaur
3	224858	Twinkle
4	224859	Isha
5	224860	Shruti
6	224862	Rasmeet Kaur
7	224863	Anmol Sidhu
8	224865	Simran Sharma
9	224866	Nitika
10	224867	Amanpreet Kaur
11	224868	Mansi Devi

**Hostlers**

Sr. No.	College Roll no	Name
1	224851	Aditi Pathania
2	224852	Meenu Rani
3	224853	Ananya
4	224855	Hrithika

*Mangy Sahni*

B.Sc. Medical Semester VI

Day Scholars

Sr. No.	College Roll no	Name
1	224652	Shruti Kalia
2	224654	Muskaan Kaur
3	224655	Navpreet Kaur
4	224658	Jessica
5	224659	Sukhdeep Kaur

Hostlers

Sr. No.	College Roll no	Name
1	224656	Arshpreet Kaur
2	224662	Shreya Sharma
3	224663	Simran Thakur
4	224664	Ripan Ramotra
5	224672	Simran Dhiman

*Manjiv Sehraw*

Educational Trip to SSS-NIBE Kapurthala on 15.02.2023  
Feedback Form

Name of Student Barjinder Kaur Class M.Sc Chem Sem 2 Roll No. 224953

It was a great educational trip. We have learned a lot. Instruments that we have studied, we are able to visualize that at SSS-NIBE. It enhance my knowledge regarding bio renewable sources. All the labs are well equipped. Wish to visit again.

Name of Student Simranjit kaur Class M.Sc Chem Sem 2 Roll No. 224955

It was a great educational trip. It was nice experience for us. I have learnt many new things about bio renewable sources & products. Different techniques & Instrumentation influenced me to get more information.

Name of Student Sapshi Class M.Sc Chem Sem II Roll No. 224957

It was a great educational trip. It was a nice experience. we learnt a lot. It enhance our knowledge related to bio-renewable source. The staff their was very nice and cooperative.

Name of Student Harleen Kaur Class M.Sc Chem Sem II Roll No. 224956

This educational trip to SSS-NIBE Kapurthala was really very knowledgeable. Through this trip, our knowledge of theoretical concepts was converted to practical knowledge which is really wonderful experience for our knowledge enhancement. The staff was really cooperative and they were really putting every effort to make us understand properly. All the labs were well equipped.

Educational Trip to SSS-NIBE Kapurthala on 15.02.2023  
Feedback Form

Name of Student

Class

Roll No.

Anshdeep Kaur

M.Sc. Chemistry Sem II

224954

It was very mesmerising trip for me because I was able to understand that Bio waste is converted into, Biodiesel etc by using chemicals, Microorganisms. Various instruments we saw.

Name of Student

Class

Roll No.

Navpreet Kaur

M.Sc. Chemistry II

224952

It was great Educational trip. Here, we all student, get knowledge of advanced technology of Biochemicals. Here, we visits chemical conversion unit, Biochemical and thermal units. The Guide was very helpful and polite and explains fn of apparatus appropriately.

Name of Student

Class

Roll No.

Palvi Sharma.

M.Sc. Chem, II.

224951

This trip is related to Biochemicals energy. Here we got the knowledge that How Biochemical can be used to, form renewable energy. All of us enjoy this trip.

Name of Student

Class

Roll No.

Tamvi Kaur

M.Sc Chemistry, II

224969

It was a great educational trip. We learnt alot. Here we all student get knowledge of advance technology of Biochemicals. The Guide was very helpful. All the labs are well equipped. Wish to visit again.

Educational Trip to SSS-NIBE Kapurthala on 15.02.2023  
Feedback Form

Name of Student Supriya Mahay Class M.Sc (Chemistry) IV Roll No. 224984

This trip was extremely good and informative. It give me huge information about the use of chemistry in a actual life and how we can use chemistry to overcome the any bad aspects of gases release from composition of wood and fuels.

Name of Student :- Neha Class - M.Sc (chemistry) (IV) Roll No. 224986

This trip was extremely good & informative. It give me huge information about the use of chemistry in a actual life & how we can use chemistry to overcome the any bad aspects of gases release from composition of wood & fuels.

Name of Student :- Kajal Class :- M.Sc Chemistry Sem IV Roll No. :- 224978

This trip was really very informative. It was a wonderful experience to be able to associate with such a wonderful institute. The ~~reas~~ research staff made us well familiar with the use of different equipments like Flash Point apparatus, FTIR, Cryo freezer etc. Their way to make us inform about their Projects was excellent.

Name of Student Priya Class M.Sc Chemistry (IV) Roll No. 224985

This trip was amazing and informative. I became aware of the practical applications of things we learn theoretically. The snacks served was really great too. The teaching manner of the researchers was wonderful. I was able to clear many doubts there.

Educational Trip to SSS-NIBE Kapurthala on 15.02.2023

Feedback Form

Name of Student

Class

Roll No.

Ankita

M.Sc (Chem.) Sem. IV

224979

Our trip to SSB-NIBE was a remarkable experience as a whole. I feel really fortunate to have a visit there as each & every project going on at the institute was exciting & informative. The bio mass project, cook stove lab, the chemical analytical lab, etc make us very well aware of the practical aspects of these <sup>course</sup> bioenergy. Moreover the venue & presentation was magnificent.

Name of Student

Class

Roll No.

Anchal

M.Sc (Chem.) Sem. IV

224981

The trip to SSB-NIBE was amazing and very informative. It opened our minds towards the practical usage of what we study theoretically. It was a great experience and has motivated me to further pursue my career with the same institute.

Name of Student

Class

Roll No.

Akshita

M.Sc (Chem.) Sem. IV

224983

It was very informative trip, we learnt many new things and many of it was known to us, that were GC, HPLC, FTIR, Rota vapour. It was great to visit an Institute and pursue research projects <sup>in future</sup> and create an interest in bio energy i.e. how we can use waste material to form a useful & valuable products from it.

Name of Student

Class

Roll No.

Balwinder Kaur

M.Sc (Chem.) Sem. IV

224976

This educational trip had given me a special experience about "SUSTAINABLE ENERGY POLICY". Research staff was extremely knowledgeable, kind and humble. I thank my dept. specially Swati mam to organise this wonderful trip. ~~As we~~ we got a chance to visit sophisticated Lab Equipments. The Campus is very beautiful.

1) Mitokan Kaur

Class

B.Sc medical

Roll No.

224654

It is very scientifically informative educational trip. I gain too much information about biogas, some scientific instrument its uses, making products. It was very informatively.

Name of Student

Class

2) Nalpreet Kaur

B.Sc Medical

Roll No.

224655

It was really informative, knowledgeable and interesting trip. I get lots of information about central hot air.

Name of Student

Class

3) Shreya Sharma

B.Sc. Medical sem 6

Roll No.

224662.

It was very knowledgeable trip. We got to learn about many lab instruments like cryofreezer, Real time PCR, HPLC microscope, CHSNO Detector etc.

Name of Student

Class

8) Simran Shakun

B.Sc. Medical sem 6.

Roll No.

224663

It was very knowledgeable trip. We got to learn about many lab instruments like cryofreezer, Real time PCR, HPLC microscope, CHSNO detector etc.

Educational Trip to SSS-NIBE Kapurthala on 15.02.2023  
Feedback Form

1) Name of Student: ~~Manoj~~ Kaur  
Class: B.sc medical  
Roll No.: 224654  
It is very scientifically informative educational trip. I gain too much information about biogas, some scientific instrument its uses, making products. It was very informatively.

2) Name of Student: Anupreet Kaur  
Class: B.SC Medical  
Roll No.: 224655  
It was really informative, knowledgeable and interesting trip. I get lots of information about centrifugation, hot air oven, ~~using~~ cooking stove, turbine working etc.

3) Name of Student: Anshpreet Kaur  
Class: BSc Med (Sem 6)  
Roll No.: 224656  
It was very knowledgeable trip for me. I have gain so much information about bio-energy.

4) Name of Student: Jessica Minhas  
Class: Bsc Medical (Sem 6)  
Roll No.: 224658  
It is very informative educational trip. In this trip, we gain a lot of information about laminar air flow, photospectrometer, hot air oven, biogas etc.

Educational Trip to SSS-NIBE Kapurthala on 15.02.2023  
Feedback Form

9) Name of Student **Ripon Ramotra** Class  Roll No.

⇒ This trip was very Educational and Knowledgeable for us. We get the Knowledge about various instruments like laminar air flow, photospectrometer, Cookstoves. We get the Knowledge about the Bio gas

10) Name of Student **Simran Jaswal** Class **BSc medical sem 6** Roll No. **224665**

This Educational trip was very informative. It gave lot of knowledge about the various instruments like laminar air flow, photospectrometer, Cookstoves, Crypto refrigerator.

11) Name of Student **Simran Shiman** Class **BSC. Medical sem 6** Roll No. **224672**

Educational trip was very informative. We learned alot about the instruments like laminar air flow, cryofreezer, Real time PCR, cookstoves etc. Trip was very knowledgeable.

12) Name of Student  Class  Roll No.

Manji John,